

Antenna Test Report

Test Standard: IEEE 149-1979

Manufacturer: Shantou Chenghai Wanlilong Plastic Toy Factory

Product Name: 2.4GHz Antenna

Model: 690-D1

Report No.: SSP24010022A

Tested Date: 2024-01-08

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Tested By: William Liu (Engineer)

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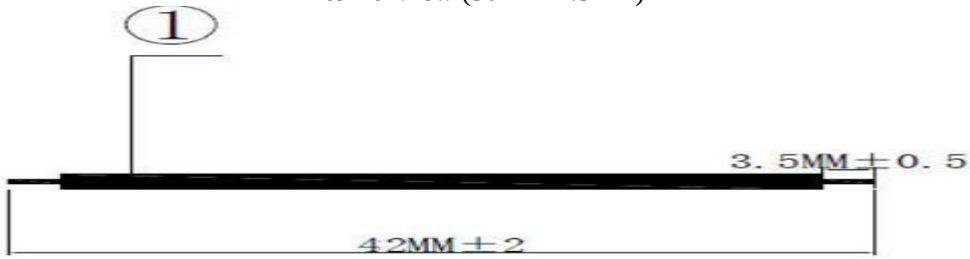
Website: www.zrlklab.com

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1. General Information

1.1 Product Information

Manufacturer	
Manufacturer:	Shantou Chenghai Wanlilong Plastic Toy Factory
Address of Manufacturer:	Nanhuifa Industrial Zone, Lianshang Town, Chenghai District, Shantou City, China

General Description of Antenna	
Product Name:	2.4GHz Antenna
Model No.:	690-D1
Frequency Range:	2400MHz-2483.5MHz
Type of Antenna:	Integral Antenna
Antenna Gain:	0dBi (Max.)
Impedance:	50 ohm
Antenna View (50mm*1.5mm) 	

1.2 Test Methodology

All measurements contained in this report were conducted with standards IEEE 149-1979 for IEEE Standard Test Procedures for Antennas.

1.3 Test Facilities

Testing Lab: Shenzhen ZRLK Testing Technology Co., Ltd.
All measurement facilities used to collect the measurement data are located at 1F, No. 35 Building, Changxing Technology Industrial Park, Yutang Street, Guangming New District, Shenzhen City, Guangdong Province, China

2. OTA Test

2.1 Gain

Frequency	Peak Gain (dBi)	Polarity
2410MHz	0	Horizontal
2410MHz	-0.34	Vertical
2445MHz	-1.53	Horizontal
2445MHz	-2.26	Vertical
2475MHz	-2.46	Horizontal
2475MHz	-2.98	Vertical

2.2 Radiation Pattern View

